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UNITED NATIONS DEVELOPMENT PROGRAMME

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ENGLISH

APPROVAL OF UNSO ASSISTANCE TO A PROJECT OF
SENEGAL

IPF: (1987-1991) $24 198 000
(UNSO/SEN/90/X01) - Ecological Monitoring Center (CSE)
Phase II

Date of approval by the AC: 1/	10 April 1991
Expected duration:	Five years
Proposed executing agency:	Government
Government executing agency:	Ministry of Rural Development and Water
Proposed UNSO contribution:	$6 968 300
Source of funds:	UNSO Trust Fund (Denmark)

Project background

The carefully planned allocation of scarce resources for development is essential in Senegal, and the task of providing valid data to serve as a basis for such decisions is critical. During its relatively short life, the ecological monitoring project (Phase I, 1985-90) has demonstrated that reliable data on the environment can be collected, treated, analyzed and stored at a reasonable cost, applying the best available techniques. The Ecological Centre is presently functioning regularly; its technical standard is highly recognized; and its products are in great demand. The scope of activities has continuously expanded; and the current programme is stretching beyond the original mandate of the Centre, monitoring not only the pastoral ecosystems of Ferlo but also the major agricultural zones of the country. It is the only existing institution capable of monitoring natural resources and rural production, on a national scale. In this capacity, it is considered a model for other African countries.

A major problem, however, relates to the sustainability of the activities, as the Centre at present is dependent on external finance. This problem will be addressed in the next phase, s the project gradually will develop a market strategy for its products.

Description of project

The present project will consolidate and develop the capacity of the CSE, while transforming the Centre into an independent, auto-financed body, answering to the information requirements of decision-makers, planners and aid agents, within the field of natural resource management. The project aims at improving

1/ This Fact Sheet reflects the status of the project/revision at the time it was approved by the Action Committee; modifications to the project/revision may have occurred subsequently.

the quality and accessibility of such information, which implies that the following problem areas will be addressed: (1) the choice of technology; (2) the technological capability; (3) the financing; and (4) the co-ordinating of information systems. The choice of technology has been successfully dealt with during the previous project phase, and will continuously be attended to, in collaboration with the Institute of Geography (Copenhagen), Global Environment Monitoring System program of UNEP and UNITAR.

The technological capability has also been dealt with, in the recruitment of qualified nationals and the training of project personnel and of Government professionals, related to the project as participants and/or users. The whole issue of capability is however linked to the Centre's ability to attract and retain competent staff. The present project is therefore designed to transform the Centre into a parastatal institution. The result will depend largely on the success in the partnership approach of the project, and on the extent to which the CSE will take on its assumed function as the national centre **par excellence** mandated to carry out the ecological monitoring, for decision-making rather than research purposes. Its products, derived from four lines of work: (1) treatment of satellite images; (2) aerial surveys; (3) ground truth observation; and (4) diagnostic/socio-economic surveying, will be stored in GIS systems and are expected to attract sufficient interest by donor-financed programmes and projects, at the national as well as the regional level, to generate the necessary return to the Centre.

Inputs

UNSO will provide up to a maximum of 459 man-months consisting of six international experts, two associate experts, eight national experts. and consultancies; the procurement of a satellite image receiving station NOAA; subcontracts (lowflying reconnaissance flights, installation of the NOAA station, CSE management); training; computer software, vehicles, spare parts, fuel, maintenance, premises adaptation; and communication and reporting costs.

Financial data

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Personnel	2 807 200
Subcontract	2 299 900
Training	65 000
Equipment	1 088 500
Miscellaneous	329 500
Agency support cost	378 500
Total	6 968 300

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